

Bachelor of Science in Environmental Science

ZSCMST



BAGONG PILIPINAS



AREA I

SYSTEM-INPUTS AND PROCESSES

S.1 |

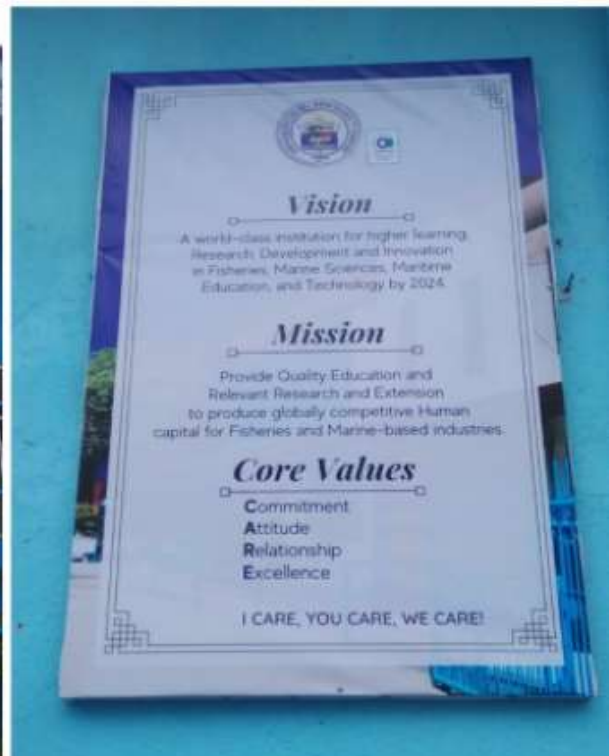
The VMGO are available on bulletin boards printed in catalogs/manuals and in other forms of communication media.



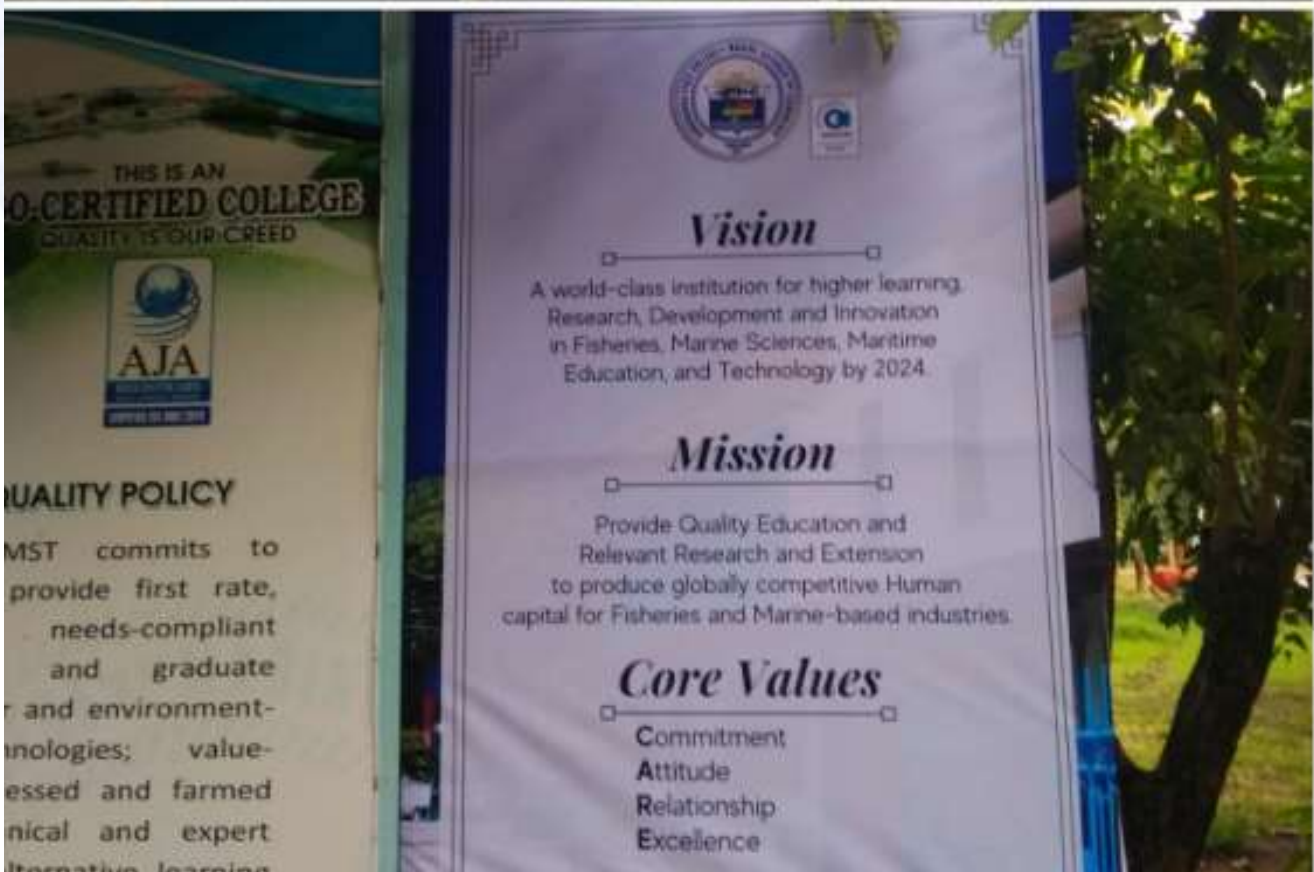
System- Inputs and Processes

S.1. The VMGO are available on bulletin boards printed in catalogs/manuals and in other forms of communication media.

EVIDENCES SHOWING THE VISION AND MISSION, GOALS OF THE COLLEGE OF MARINE SCIENCES (CFMS) ARE AVAILABLE ON BULLETIN BOARDS/ POSTERS.



The Vision and Mission and Core Values posted on the entrance of ZSCMST Main Campus



The Vision and Mission and Core Values posted on the bulletin boards inside ZSCMST's Campus



VISION

A world-class institution for higher learning, research, development and innovation in fisheries, marine sciences, maritime education and technology by 2024.

MISSION

Provide quality education and relevant research and extension to produce globally competitive human capital for fisheries and other marine-based industries.

ZSCMST SERVICE PLEDGE

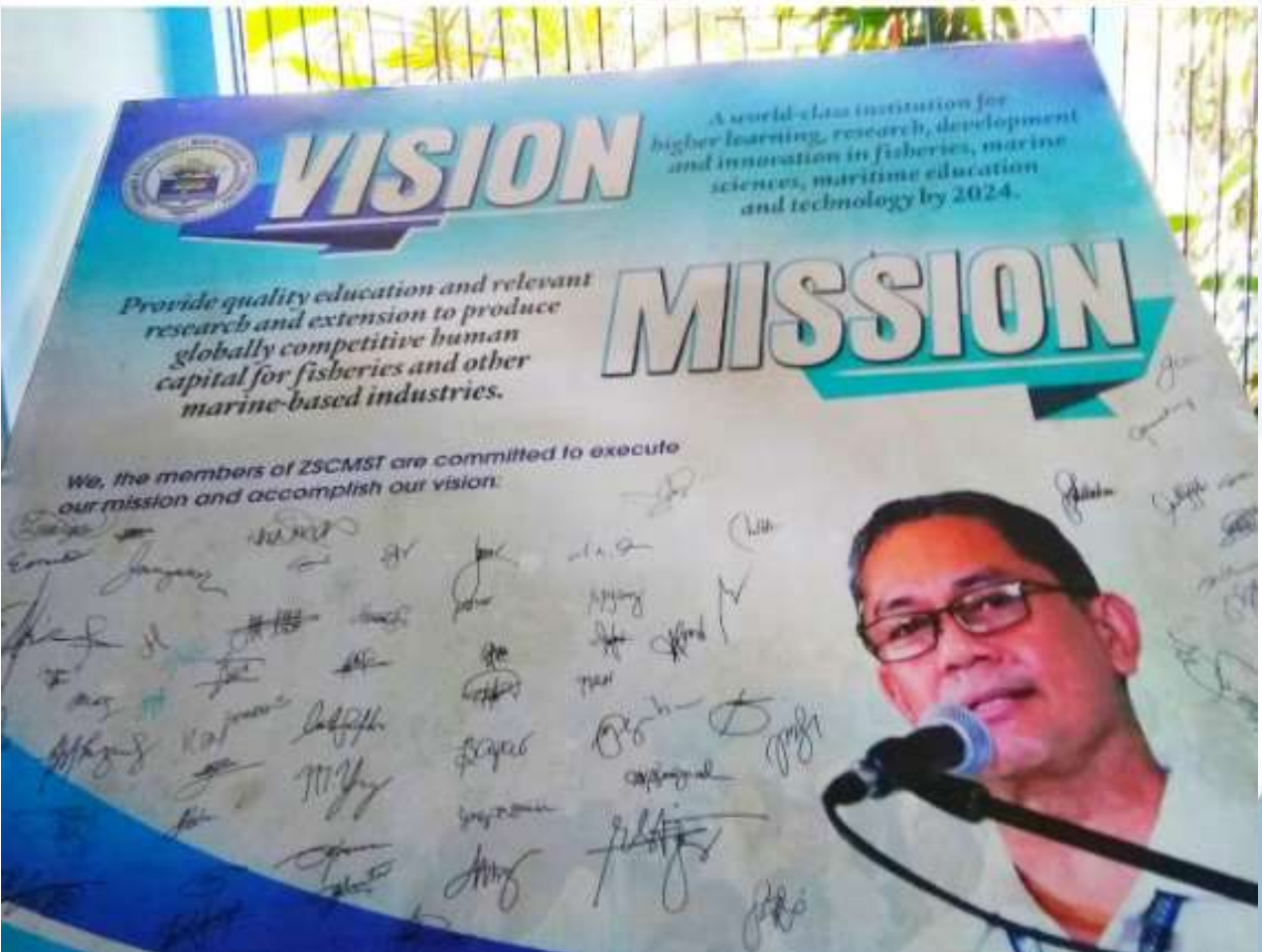
The ZSCMST commits to develop and

FRONTLINE GRADE		
1. Pay Development and Learning System (DLS) Registration Fee	2. Receive interview and since the website	Development and DLS Accreditation Fee - 1000.00
3. Submit required DLS Registration Form, ID-photos and other fees	4. Account payment for payment	1. Allow fee without Laboratory - 1000.00
5. Register to the issuing of document	6. Fill out payment posting in the Student account	Tuition fee with Laboratory - 1000.00
7. Submit the Graduate School's copy of the DLS Registration Form and other requirements	7. Enroll student's materials	None
8. Submit the Graduate School's copy of the DLS Registration Form	8. Issue Certificate of Enrollment (COE)	None

The Vision and Mission Statements displayed on ZSCMST's citizens charter.



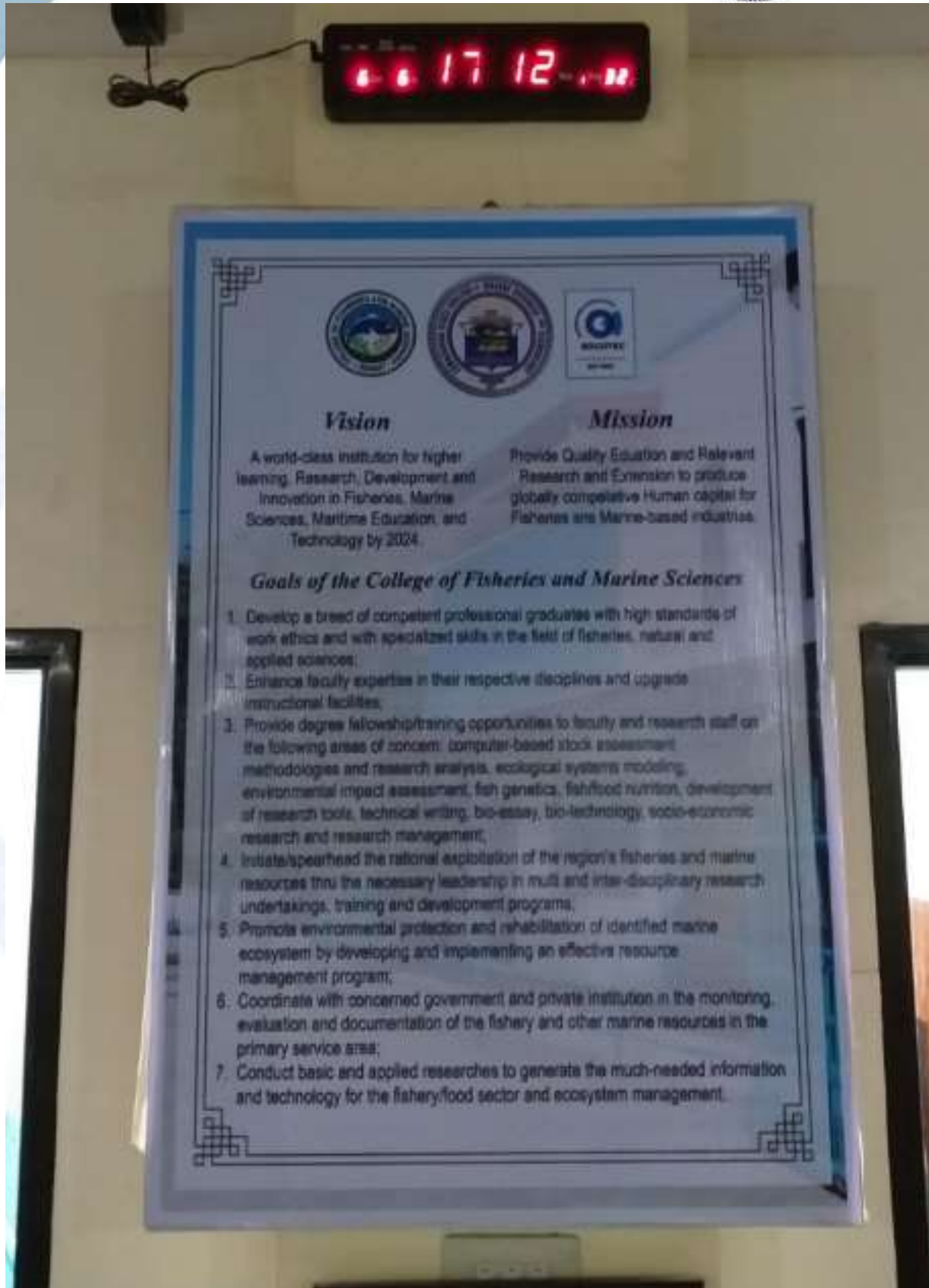
The Vision and Mission and Core Values posted in one of the buildings of the College of Education and Liberal Arts at ZSCMST Main Campus



The Vision and Mission posted on a billboard inside the MCLL Gymnasium



The Vision and Mission and Core Values posted inside the Public Information and Communication Office (PICO)



The Vision and Mission of ZSCMST and Goals of the College of Fisheries and Marine Sciences (CFMS) posted inside the CFMS Building at ZSCMST Campus B



Vision

A world-class institution for higher learning, Research, Development and Innovation in Fisheries, Marine Sciences, Maritime Education, and Technology by 2021.

Mission

Provide Quality Education and Relevant Research and Extension to produce globally competitive Human capital for Fisheries and Marine-based industries.

Goals of the College of Fisheries and Marine Sciences

1. Develop a breed of competent professional graduates with high standards of work ethics and with specialized skills in the field of fisheries, natural and applied sciences;
2. Enhance faculty expertise in their respective disciplines and upgrade instructional facilities;
3. Provide degree fellowship/training opportunities to faculty and research staff in the following areas of concern: computer-based stock assessment; methodologies and research analysis; ecological systems modeling; environmental impact assessment; fish genetics; fish/food nutrition; development of research tools; technical writing; bio-essay; bio-technology; socio-economic research and research management;
4. Initiate/ spearhead the rational exploitation of the region's fisheries and marine resources thru the necessary leadership in multi and inter-disciplinary research undertakings, training and development programs;
5. Provide environmental protection and rehabilitation of identified marine ecosystem by developing and implementing an effective resource management program;
6. Coordinate with concerned government and private institution in the monitoring, evaluation and documentation of the fishery and other marine resources in the primary service area;
7. Conduct basic and applied researches to generate the much-needed information and technology for the fishery/food sector and ecosystem management.

The Vision and Mission of ZSCMST and Goals of the College of Fisheries and Marine Sciences (CFMS) posted inside the CFMS Faculty Office at ZSCMST Campus B



EVIDENCES SHOWING THE VISION AND MISSION, GOALS OF THE COLLEGE OF MARINE SCIENCES (CFMS) ARE AVAILABLE ON PRINTED CATALOGUES/ MANUALS AND OTHER FORMS OF COMMUNICATION MEDIA



The Vision and Mission of ZSCMST are exhibited on the official website of the institution which can be accessed through www.zscmst.edu.ph



Videos of the different school activities posted on the ZSCMST's Official Youtube Channel incorporates the Vision, Mission, and Core Values of ZSCMST which can be accessed through <https://www.youtube.com/@zscmstofficial>



ZSCMSTs Vision and Mission are included in the program of different activities of the college such as

a. Faculty In-house Trainings

In-House AACUP Training

Empowering ZSCMST Local Task Force: A Capacity-Building Training-Workshop for AACUP Accreditation Readiness

VISION
 A world-class institution for higher learning, research, development and innovation in fisheries, marine sciences, maritime education and technology by 2024.

MISSION
 Provide quality education and relevant research and extension to produce globally competitive human capital for fisheries and other marine-based industries.

Core Values
 Commitment
 Attitude
 Relationship
 Excellence

#iCare

Quality Assurance Office (QAO)
 Email: qao@zscmst.edu.ph Landline: (063) 955-0274; local: 1922

AUGUST 19-20, 2025
 8:00AM - 5:00PM

ZSCMST, Octagon Hall

b. Other college activities such as Turn-Over Ceremony

ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY

TURN-OVER CEREMONY

DR. ROY LIM VALESKO
 6th College President

MARCH 11, 2025 / 9AM
 ZSCMST MAIN GYMNASIUM

Attire: White Polo/Blouse with collar and Black Pants

VISION
 A world-class institution for higher learning, Research, Development and Innovation in Fisheries, Marine Sciences, Maritime Education, and Technology by 2024.

MISSION
 Provide Quality Education and Relevant Research and Extension to produce globally competitive Human capital for Fisheries and Marine-based industries.

Turnover Ceremony

of Dr. Roy L. Valesco as 6th College President of ZSCMST

08:00 AM - 08:45 AM	Arrival of Guests
09:00 AM - 09:15 AM	Opening Program -Processional (Entry of Colors) -Philippine National Anthem -Invocation -ZSCMST Hymn
09:15 AM - 09:20 AM	Welcome Remarks Dr. Arvin C. Reyes Vice President for Administration and Finance
09:20 AM - 09:25 AM	Acknowledgment of Guests
09:25 AM - 09:40 AM	Inspirational Messages Reverend Fr. Juan MARI Outgoing OIC - College President Hon. Ethel Aguirre P. Valenzuela Commissioner, Commission on Higher Education
09:40 AM - 09:50 AM	Turnover Ceremony -Reading of Board Resolution -Valedictorian Remarks, Jr. Board Secretary -Symbolic Turnover of Responsibilities
09:50 AM - 09:55 AM	Acceptance Speech Dr. Roy L. Valesco 6th College President
09:55 AM - 09:55 AM	Pledge of Commitment -Dr. Roy L. Valesco College President -Faculty, Staff, and Students
09:55 AM - 10:00 AM	Awarding and Recognition -Tribute to the Outgoing President
10:00 AM - 10:15 AM	Entertainment Presentations
10:15 AM - 10:30 AM	Closing Remarks Dr. Rachel B. Ibañeta Vice President for Academic Affairs -ZSCMST Hymn -Recessional -Photo Opportunities and Fellowship



c. Student Seminar/ workshops



VISION

A world-class institution for higher learning, research, development and innovation in fisheries, marine sciences, maritime education, and technology by 2024.

MISSION

Provide quality education and relevant research and extension to produce globally competitive human capital in fisheries and other marine-based industries.

VISION

A world-class institution for higher learning, research, development and innovation in fisheries, marine sciences, maritime education, and technology by 2024.

MISSION

Provide quality education and relevant research and extension to produce globally competitive human capital in fisheries and other marine-based industries.



Republic of the Philippines
ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY
 Fort Pilar, Zamboanga City
 Tel No. 992-3092/Tel No: (062) 991-0643 Telefax: (062) 991-0777 website: <http://www.zacmat.edu.ph>

ZSCMST/VPAA-0.0-14
Date Adopted: 6-2014
Revision Status: 2
Revision Date: 7-2020

COLLEGE OF FISHERIES AND MARINE SCIENCES
BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

OUTCOMES-BASED EDUCATION (OBE) COURSE SYLLABUS IN

ES15
(ENVIRONMENTAL PLANNING)

Prepared by: Reynold C. Reyes, Jr. Course Instructor
 Reviewed by: Abanador G. Pasion, M.Sc. Program Adviser
 Approved by: Oliver G. Tito, Ph.D. Dean - CFMS
 Date of Effectivity: August 2024

I. COLLEGE

Vision: A world-class institution for higher learning, research, development and innovation in fisheries, marine sciences, maritime education, and technology by 2024.

Mission: Provide quality education and relevant research and extension to produce globally competitive human capital for fisheries and marine-based industries.

Core Values: CARE - C-Commitment A-Attitude R-Relationship E-Excellence

II. PROGRAM: Bachelor of Science in Environmental Science

III. INSTITUTIONAL GOALS

1. Develop a breed of qualified graduates with high standards of work ethics and with specialized skills in the field of fisheries, natural and applied sciences.
2. Enhance faculty expertise in their respective disciplines and upgrade instructional facilities.
3. Provide degree of fellowship/training opportunities to faculty and research staff on following areas of concern: computer-based stocks assessment methodologies and research analysis, ecological systems modelling, environmental impact assessment, fish genetics, fish nutrition, development of research tools, technical writing, bio-assay, bio-technology, socio-economic research and research management.
4. Initiate/spearhead the rational exploitation of the region's fisheries and marine resources thru the necessary leadership in multi and inter-disciplinary undertakings, training and development programs.
5. Promote environmental protection and rehabilitation of identified marine ecosystems by developing and implementing an effective resource management program.
6. Coordinate with concerned government and private institutions in the monitoring, evaluation and documentation of the fishery and other marine resources in the primary service area.
7. Conduct basic and applied researches to generate the much-needed information and technology for the fishery/food sector and ecosystem management.

IV. INSTITUTIONAL OBJECTIVES

1. Equip students with the appropriate knowledge and skills (technical, managerial and critical thinking) in the sustainable/responsible fisheries and ecosystem management.
2. Enhance the capability of students on the areas of research, extension, and production.
3. Enhance the students the value of commitment, attitude, relationships and excellence.
4. Enhance the students understanding and appreciation of the arts and culture.
5. Strengthen linkages with the fishery/food/environmental industry/sector for OJT and job placement.
6. Increase the passing rate of BSFI students in the Fisheries Technologists Board Examination and;
7. Improve the employment rate of graduates.

V. PROGRAM OBJECTIVES

- The graduates have the ability to:
- a) Demonstrate broad and coherent knowledge and understanding in the core areas of environmental science.
 - b) Disseminate effectively knowledge pertaining to sound environmental protection, conservation, utilization and management.
 - c) Apply appropriate knowledge and innovation related to the environment.
 - d) Demonstrate the ability to contribute in the protection and management of the environment.
 - e) Analyze local environmental issues and problems in the regional and global context.

The College Vision, Mission, Core Values, Institutional Goals, Institutional Objectives, and Program Outcomes are stipulated in each Course Syllabus.